TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT Docket No. (Under 37 CFR 1.97(b) or 1.97(c)) 15226.25.1 In Re Application Of: William J. Ketcherside, Jr., et al. Application No. Filing Date Confirmation No. Examiner Customer No. **Group Art Unit** 10/773,106 02/05/2004 022913 3980 Unassigned 2632 Title: SYSTEM, METHOD, AND COMPUTER PROGRAM FOR INTERFACING AN EXPERT SYSTEM TO A CLINICAL INFORMATION SYSTEM Address to: **Commissioner for Patents** P.O. Box 1450 Alexandria, VA 22313-1450 37 CFR 1.97(b) The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114. 37 CFR 1.97(c) The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of: ☐ the statement specified in 37 CFR 1.97(e); OR \Box the fee set forth in 37 CFR 1.17(p).

Application No. Filing Date Examiner												
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10/773,106 02/05/2004 Unassigned		022913	2632	3980								
Title: SYSTEM, METHOD, AND COMPUTER PROGRAM FOR INTERFACING AN EXPERT SYSTEM TO A CLINICAL INFORMATION SYSTEM												
Payment of Fee (Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p)) A check in the amount of is attached. The Director is hereby authorized to charge and credit Deposit Account No. 23-3178 as described below. Charge the amount of Charge the amount of Charge the amount of Charge any additional fee required. Payment by credit card. Form PTO-2038 is attached. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. Certificate of Transmission by Facsimile* Certificate of Mailing by First Class Mail												

PATENT APPLICATION
Docket No.: 15226.25.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE In re application of: William J. Ketcherside, Jr., et al. Serial No.: 10/773,106) Art Unit 2632 Filed: February 5, 2004 Confirmation No.: 3980 SYSTEM, METHOD, AND COMPUTER For: PROGRAM FOR INTERFACING AN EXPERT SYSTEM TO A CLINICAL INFORMATION **SYSTEM** Examiner: Unassigned Customer No.: 022913

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that any of these references may be "prior art" within the meaning of that term under 35 U.S.C. §§

102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of

disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent

office records has been conducted or that no better art exists, the undersigned attorney of record

believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of

which the undersigned is presently aware, and no art which is closer to the claimed invention

(taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each of the listed references or

relevant portion thereof is also enclosed.

Dated this /9 day of November, 2004.

Respectfully submitted,

FRASER D. ROY

Attorney for Applicant Registration No. 45,666

Customer No. 022913

FDR:kc KC0000003333V001

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Invertion E SYSTEM, METHOD, AND COMPUTER PROGRAM FOR INTERFACING AN EXPERT SYSTEM TO A CONICAL INFORMATION SYSTEM I hereby certify that the following correspondence: Information Disclosure Statement Transmittal Letter (2 pgs, in triplicate); Information Disclosure Statement (2 pgs); Form PTO-1449 Listing all Cited References (19 pgs); Legible Copies of 126 Cited References; postcard; and						
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Applicant:

William J. Ketcherside, Jr., et al.

Serial No.:

10/773,106

Att'y Docket No.: 15226.25.1

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02/05/2004

Group: 2632

Confirmation No.:

3980

For:

SYSTEM, METHOD, AND COMPUTER PROGRAM FOR INTERFACING AN EXPERT SYSTEM TO A CLINICAL

INFORMATION SYSTEM

INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

U.S. Patent Documents

Examiner <u>Initial*</u>	Patent <u>Number</u>	Issue <u>Date</u>	<u>Name</u>	Class	Sub <u>Class</u>	Filing <u>Date</u>
A1.	4,290,114	09/15/81	Sinay	364	900	07/01/76
A2.	4,839,822	06/13/89	Dormond, et al.	364	513	08/13/87
A3.	5,018,067	05/21/91	Mohlenbrock, et al	.364	413.02	07/29/87
A4.	5,255,187	10/19/93	Sorensen	364	413.02	04/03/90
A5.	5,301,105	04/05/94	Cummings, Jr.	364	401	04/08/91
A6.	5,473,537	12/05/95	Glazer, et al.	364	419.2	04/12/95
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A11.	5,764,923	06/09/98	Tallman, et al.	395	203	11/22/95

Examiner:

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INTERFACING AN EXPERT SYSTEM TO A CLINICAL

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	A12.	5,833,599	11/10/98	Schrier, et al.	600	300	04/09/96
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Sheet 3 of 19

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 _ A33.	2002/0099273	07/25/02	Bocionek, et al.	600	300	07/05/01
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02/05/2004

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For:

SYSTEM, METHOD, AND COMPUTER PROGRAM FOR

INTERFACING AN EXPERT SYSTEM TO A CLINICAL

INFORMATION SYSTEM

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Form PTO-14 Applicant: Serial No.: Filing Date: Confirmation For:	Williar 10/773 02/05/2 No.: 3980 SYSTE INTER	2004 EM, METHOD, AND CO	Sheet 5 of 19 Att'y Docket No.: 15226.25.1 Group: 2632 OMPUTER PROGRAM FOR SYSTEM TO A CLINICAL
A 15	AVDIN Corol	um E et al "Trougformi	no Information Has in Drawating Madicine
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A61.	CLASSEN, David C., et al., "Description of a Commonitor Using a Hospital Information System," <i>Hosp</i> 1992, pp. 774, 776-779, 783	•
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EXPRESS MA Form PTO-14 Applicant: Serial No.: Filing Date: Confirmation For:	William J. Ketcherside, Jr., et al. 10/773,106 Att'y Docket No.: 15226.25.1 02/05/2004 Group: 2632		
A80.	EVANS, R. Scott, "Development of a Computerized Infectious Disease Monitor (CIDM)," Computers and Biomedical Research, Vol. 18, 1985, pp. 103-113		
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EXPRESS M. Form PTO-14 Applicant:	AIL LABEL NO.: EV 485 808 658 US 49 William J. Ketcherside, Jr., et al.	Sheet 10 of 19
Serial No.: Filing Date: Confirmation	02/05/2004 No.: 3980	Att'y Docket No.: 15226.25.1 Group: 2632
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A98.	KAHN, Charles E, Jr., et al., "Case-based Reasoning and Imaging Procedure Selection," <i>Investigative Radiology</i> , Vol. 29, No. 6, June 1994, pp. 643-647					
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EXPRESS MAIL LABEL NO.: EV 485 808 658 US Form PTO-1449 Sheet 12 of 19 Applicant: William J. Ketcherside, Jr., et al. Serial No.: 10/773,106 Att'y Docket No.: 15226.25.1 Filing Date: 02/05/2004 Group: 2632 Confirmation No.: 3980 For: SYSTEM, METHOD, AND COMPUTER PROGRAM FOR INTERFACING AN EXPERT SYSTEM TO A CLINICAL INFORMATION SYSTEM _ A107. LARSEN, Robert A., et al., "Improved Perioperative Antibiotic Use and Reduced Surgical Wound Infections Through use of Computer Decision Analysis," Infect Control Hospital Epidemiol, Vol. 10, No. 7, 1989, pp. 316-320 A108. LEÃO, Beatriz De F., et al., "Hycones: A Hybrid Approach to Designing Decision Support Systems," MD Computing, Vol. 13, No. 2, 1996, pp. 160-164 A109. LEE, Susan Ciarrocca, "Using a Translation—Invariant Neural Network to Diagnose Heart Arrhythmia," IEEE Engineering in Medicine & Biology Society 11th Annual International Conference, pp. 2025-2026, available on information and belief at least as early as 1989 A110. LEHMANN, E.D., et al., "Combining Rule-based reasoning and mathematical modelling in diabetes care," Artificial Intelligence in Medicine 6 (1994), pp. 137-160 A111. LETTE, Jean et al., "Artificial Intelligence Versus Logistic Regression Statistical Modelling to Predict Cardiac Complications after Noncardiac Surgery," Clin. Cardiol. Vol. 17, November 1994, pp. 609-614 A112. LI, Yu-Chuan, et al., "Assessing the Behavioral Impact of a Diagnostic Decision Support System," 1995, pp. 805-809 A113. LIN, Kang-Ping, et al., "Classification of QRS Pattern by an Associative Memory Model," IEEE Engineering in Medicine & Biology Society 11th Annual International Conference, pp. 2017-2018, available on information and belief at least as early as 1989 A114. MACERATINI, R., et al., "Expert Systems and the Pancreatic Cancer Problem: decision support in the pre-operative diagnosis," J. Biomed. Eng., November 1989, Vol. 11, pp. 487-510 Al 15. MACLIN, Phillip S., et al., "How to Improve a Neural Network for Early Detection of Hepatic Cancer," Cancer Letters, Vol. 77, 1994, pp. 95-101 Examiner: Date Considered:

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Form PTO-1449 Sheet 19 of 19

Applicant:

William J. Ketcherside, Jr., et al.

Serial No.:

10/773,106

Att'y Docket No.: 15226.25.1

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Group: 2632

Confirmation No.:

3980

For:

SYSTEM, METHOD, AND COMPUTER PROGRAM FOR INTERFACING AN EXPERT SYSTEM TO A CLINICAL

INFORMATION SYSTEM

References Cited by Applicants

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

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The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

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